Monitoring Data Record

Project Title: B-3858 (Lake Landing Canal) COE Action ID: 200610379 & 200610425
CAMA: 80-06 WQC Number: 3403 & 3366
Stream Name: UT to Lake Landing Canal
City, County and other Location Information: Hyde County, Bridge #6 on SR 1110 over Lake Landing Canal
Date Construction Completed: July 2007
Monitoring Year: (1) of 1
Ecoregion: 8 digit HUC unit 03020105
USGS Quad Name and Coordinates:
Rosgen Classification:
Length of Project: 80' Urban or Rural: Rural Watershed Size:
Monitoring DATA collected by: M. Green Date: 9/25/07
Applicant Information:
Name: NCDOT Roadside Environmental Unit
Address: 1425 Rock Quarry Road Raleigh, NC 27610
Telephone Number: (919) 861-3772 Email address: mlgreen@dot.state.nc.us
Consultant Information:
Name:
Address:
Telephone Number: Email address:
Project Status: Complete

Monitoring Level required by COE and DWQ (404 permit/ 401 Cert.): Level (**1**) ~~2~~ ~~3~~
Monitoring Level 1 requires completion of *Section 1, Section 2 and Section 3*
Permit States: The proposed channel dimensions and profile will be verified during construction. Upon successful completion of construction, NCDOT shall monitor the channel for stability and vegetation establishment by visual observation and photo points. Any remediation necessary will be coordinated with the appropriate agencies.

Section 1. PHOTO REFERENCE SITES
(Monitoring at all levels must complete this section)
Total number of reference photo locations at this site:
1 photo was taken of the stream relocation

Dates reference photos have been taken at this site: 9/25/07

Individual from whom additional photos can be obtained (name, address, phone):

Other Information relative to site photo reference:

If required to complete Level 3 monitoring only stop here; otherwise, complete section 2.

Section 2. PLANT SURVIVAL
Attach plan sheet indicating reference photos.

Identify specific problem areas (missing, stressed, damaged or dead plantings):

Estimated causes, and proposed/required remedial action:

ADDITIONAL COMMENTS: UT Lake Landing Canal has established vegetation.

If required to complete Level 1 and Level 2 monitoring only stop here; otherwise, complete section 3.

Section 3. CHANNEL STABILITY

Visual Inspection: The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. Physical measurements of channel stability/morphology will not be required. Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.
UT Lake Landing Canal is stabilized for the 2007 evaluation. NCDOT has full-filled its permit requirement of constructing a stabilized channel with established vegetation and proposes to discontinue monitoring.

Date	Station Number	Station Number	Station Number	Station Number	Station Number
Structure Type					
Is water piping through or around structure?					
Head cut or down cut present?					
Bank or scour erosion present?					
Other problems noted?					

NOTE: Attach separate narrative sheets to each monitoring report describing/discussing the overall monitoring results. Include the identification of specific problem areas/channel failures, estimated cause and proposed/required remedial action. This should include a brief discussion of any parameter that has changed significantly from as-built.

UT Lake Landing Canal

Photo Point #1 (Photo of UT Lake Landing Canal)

Year 1 – September 2007